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United States Government

Department of Energy

memorandum

Rocky Flats Office

DATE:

FEB 24 1994

REPLY TO

ATTN OF:

ER:SRG:02161

SUBJECT:

3-Dimensional Modeling of OU2 Subsurface Soil Vapor Extraction

TO:

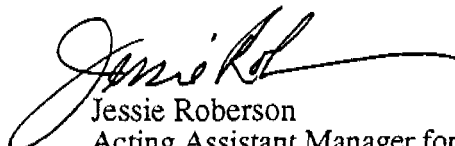
Sue Stiger, Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

EG&G has provided some preliminary modeling for the Operable Unit 2 (903 Pad, Mound, and East Trenches area) Subsurface Interim Measure/Interim Remedial Action (IM/IRA) using 3-Dimensional (3D) visualization software. No progress has been made since the preparation of the preliminary 3D model in May 1993.

Based upon the recent startup (February 17, 1994) of the Subsurface IM/IRA Soil Vapor Extraction (SVE) system, we feel it is important to resume the 3D visualization modeling of the hydro-geology and contaminant distribution at Individual Hazardous Site (IHSS) 110. This will be important for understanding and explaining the effectiveness of the SVE system. It will be necessary to establish the baseline and post testing effects on the hydrology and contaminant distribution.

It will also be necessary to start planning the modeling of test site 2. Please prepare a plan (cost and schedule) for 3D modeling, and if necessary, initiate the Plant Change Control Board (PCCB) Process.

If you have any questions, please contact Scott Grace of my staff at extension 7199.



Jessie Roberson
Acting Assistant Manager for
Environmental Restoration

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